

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091119\
 Data File : VW012907.D
 Acq On : 11 Sep 2019 10:38
 Operator : SY/VA
 Sample : VW0911SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBL01

Quant Time: Sep 11 12:39:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	204250	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	301058	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	252251	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	107653	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	106917	46.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.70%	
35) Dibromofluoromethane	7.88	113	90327	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
50) Toluene-d8	10.32	98	352436	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
62) 4-Bromofluorobenzene	12.62	95	113507	44.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.18%	

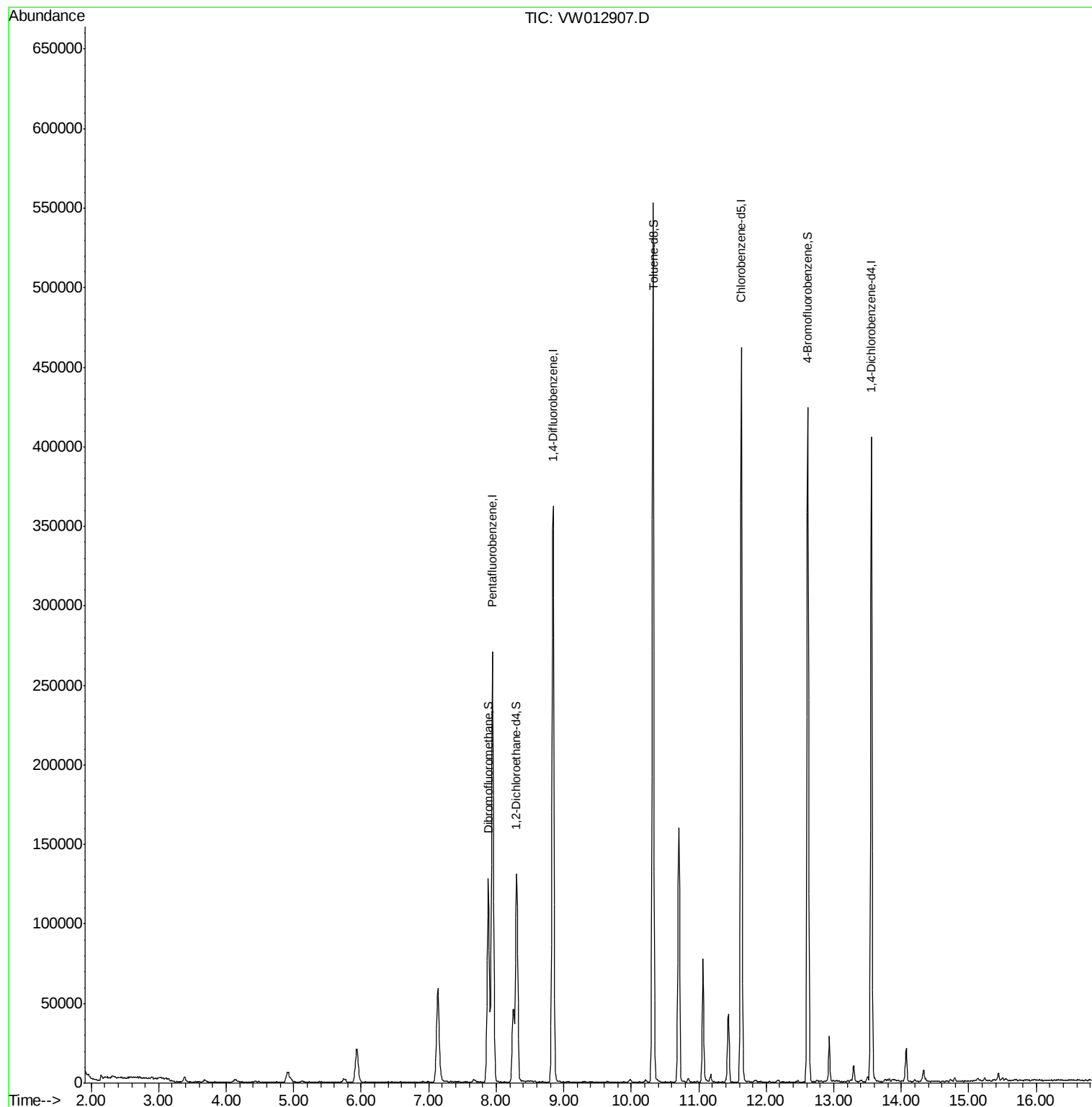
Target Compounds	Qvalue
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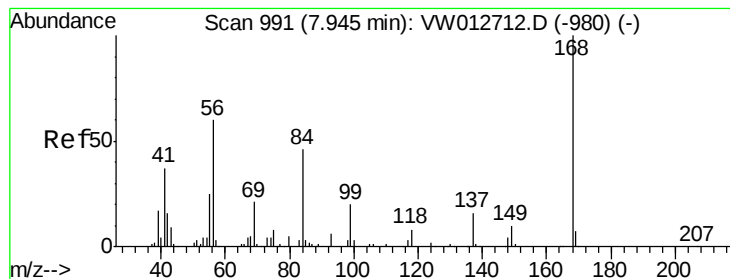
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW012907.D

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Instrument :

MSVOA_W

ClientSampleId :

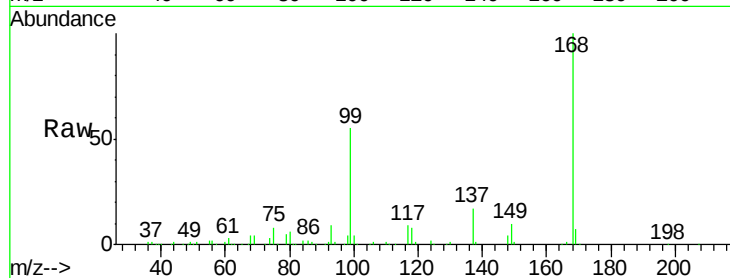
VW0911SBL01

Tot Ion:168 Resp: 204250

Ion Ratio Lower Upper

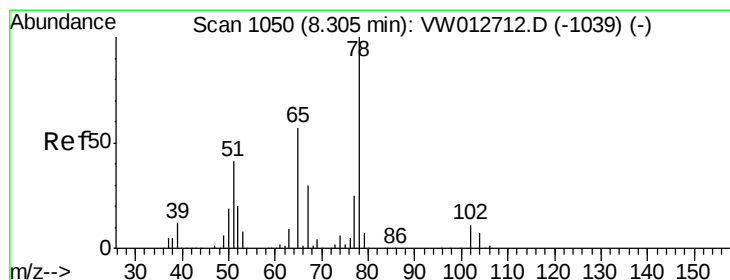
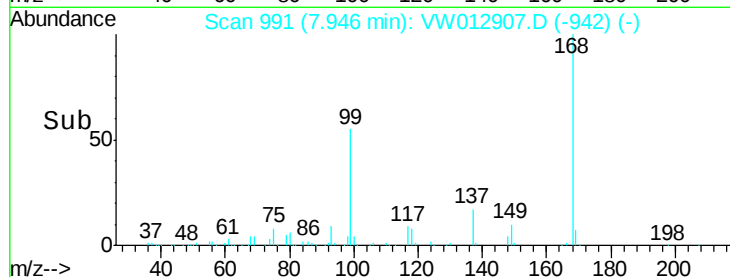
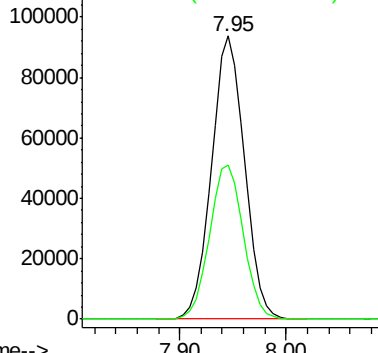
168 100

99 54.6 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 46.849 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW012907.D

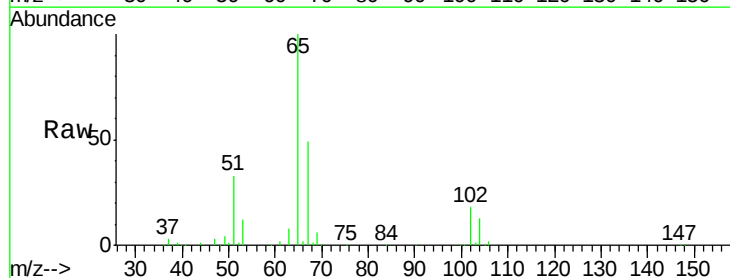
Acq: 11 Sep 2019 10:38

Tgt Ion: 65 Resp: 106917

Ion Ratio Lower Upper

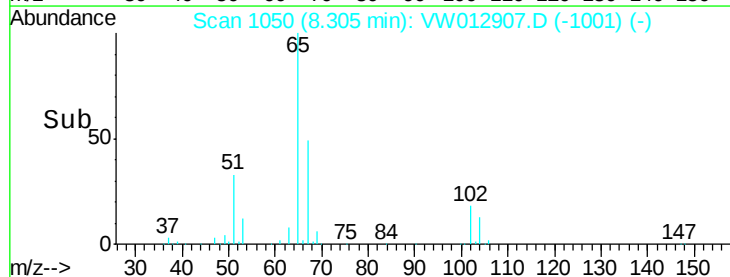
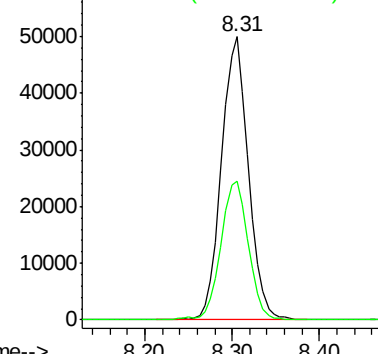
65 100

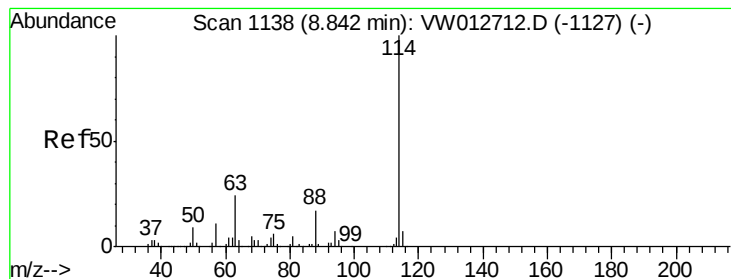
67 50.1 0.0 101.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW012907.D

Acq: 11 Sep 2019 10:38

Instrument :

MSVOA_W

ClientSampleId :

VW0911SBL01

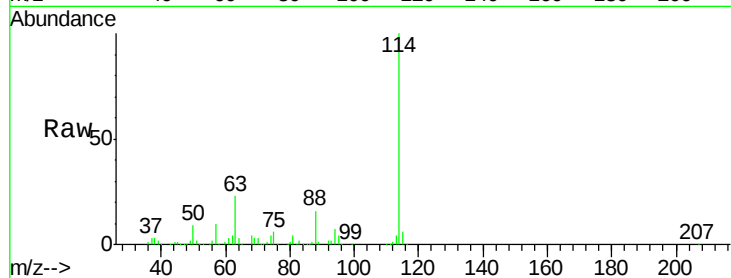
Tot Ion:114 Resp: 301058

Ion Ratio Lower Upper

114 100

63 22.9 0.0 47.2

88 16.2 0.0 34.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

200000

150000

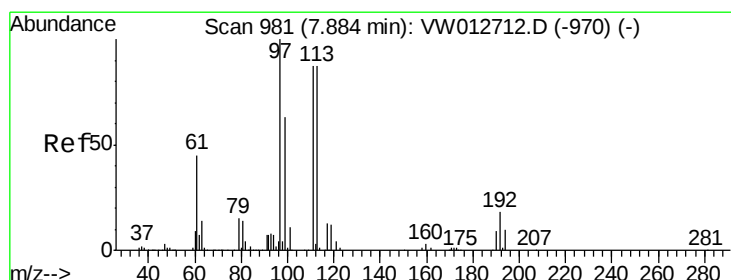
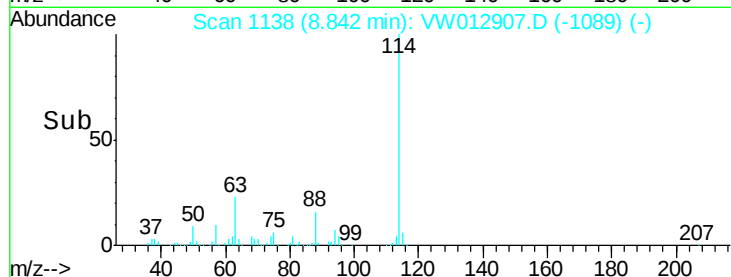
100000

50000

0

8.80 8.84 8.90

Time-->



#35

Dibromofluoromethane

Concen: 50.466 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW012907.D

Acq: 11 Sep 2019 10:38

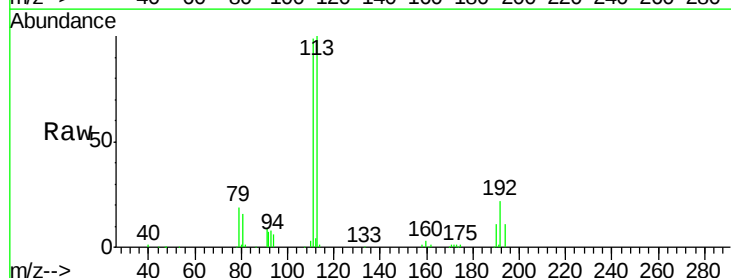
Tgt Ion:113 Resp: 90327

Ion Ratio Lower Upper

113 100

111 101.9 80.2 120.4

192 22.5 17.3 25.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

50000

40000

30000

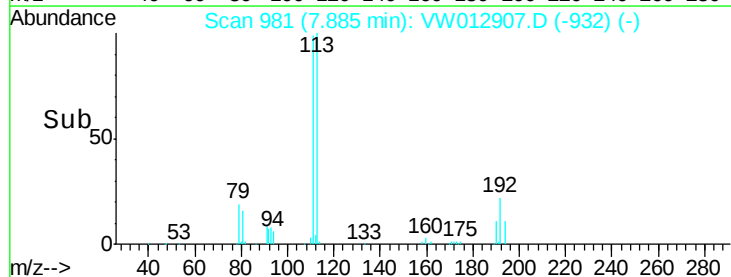
20000

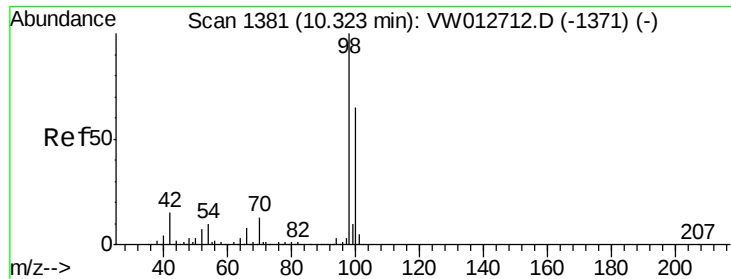
10000

0

7.80 7.88 8.00

Time-->

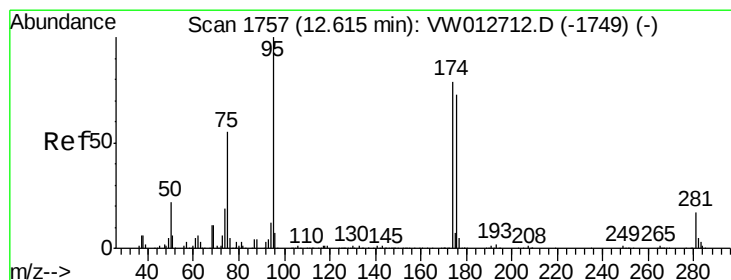
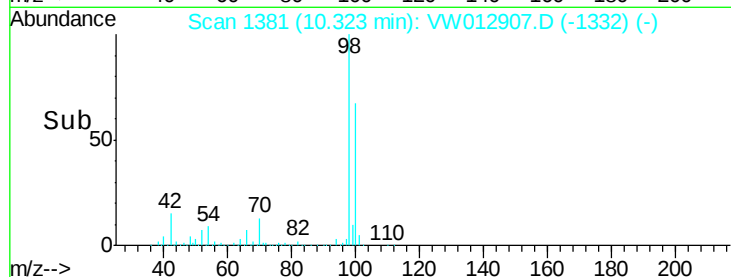
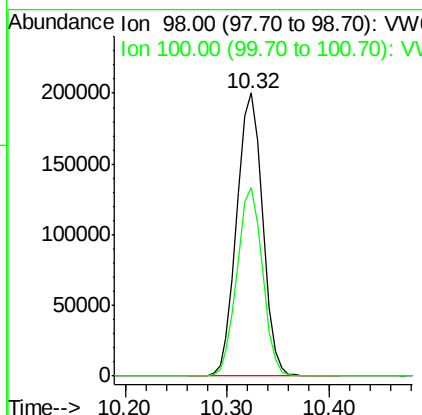
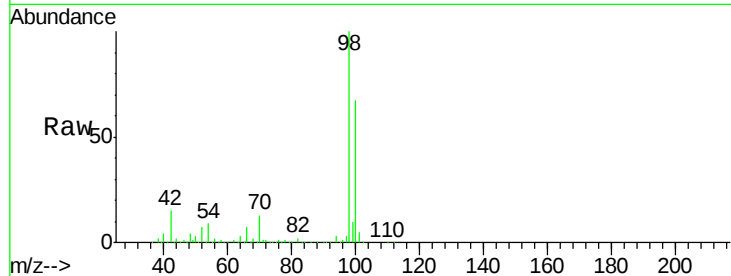




#50
Toluene-d8
Concen: 50.260 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW012907.D
Acq: 11 Sep 2019 10:38

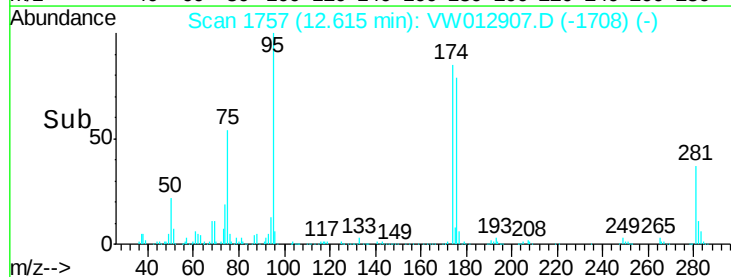
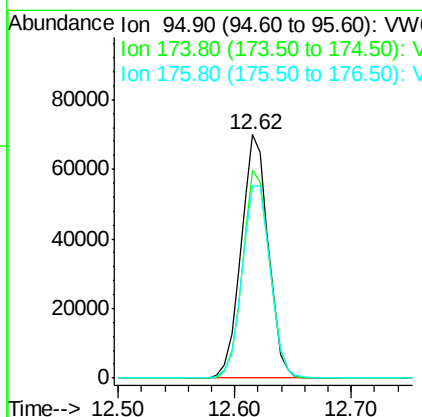
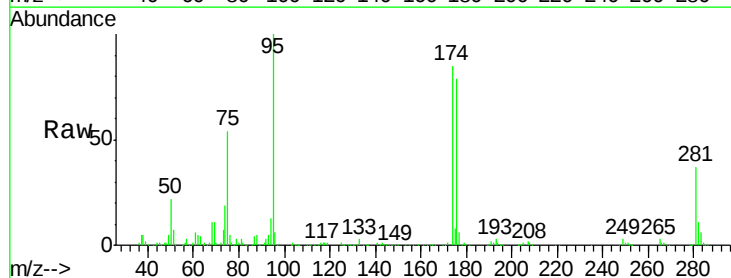
Instrument :
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VW0911SBL01

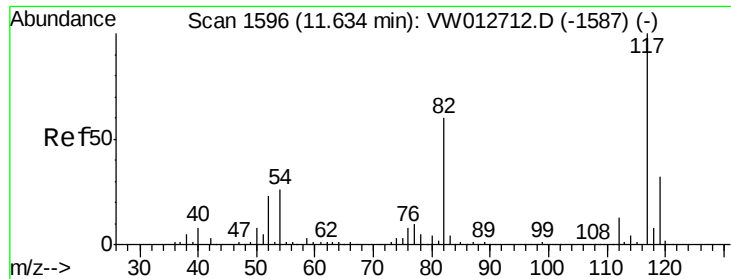
Tot Ion: 98 Resp: 352436
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 44.588 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW012907.D
Acq: 11 Sep 2019 10:38

Tgt Ion: 95 Resp: 113507
Ion Ratio Lower Upper
95 100
174 85.2 0.0 161.0
176 82.6 0.0 156.4

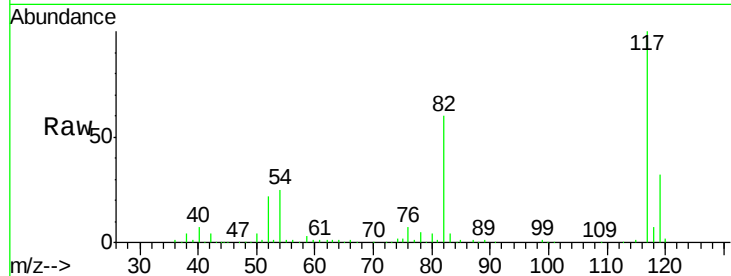




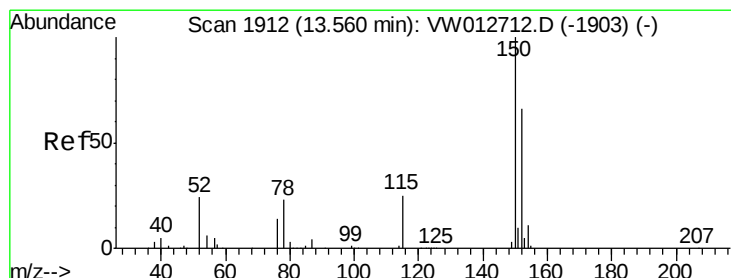
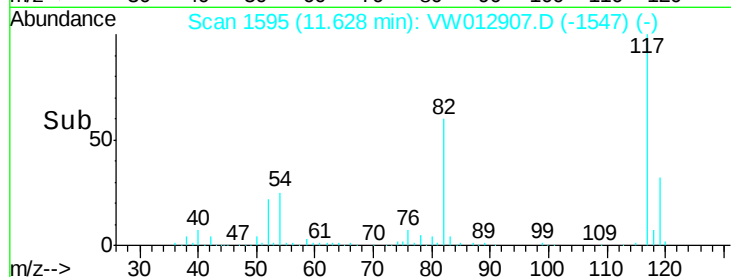
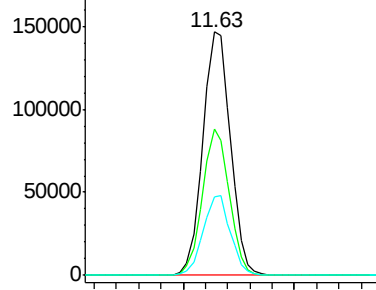
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012907.D
Acq: 11 Sep 2019 10:38

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBL01

Tot Ion:117 Resp: 252251
Ion Ratio Lower Upper
117 100
82 60.0 48.2 72.4
119 32.3 25.8 38.6

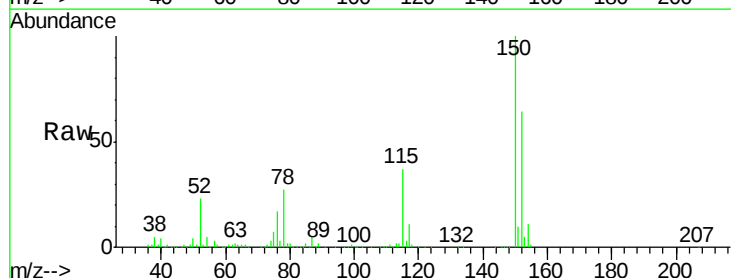


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW012907.D
Acq: 11 Sep 2019 10:38

Tgt Ion:152 Resp: 107653
Ion Ratio Lower Upper
152 100
115 59.3 30.0 90.1
150 156.7 0.0 349.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

